

also for securing in position the transparent covering for the dial. The spacing ring 12 being provided with a cross-piece or bridge of sufficient strength only to support the transparent covering, not only has an opening 12' to expose the dial, but also an opening 12'' to provide ample clearance for the pointer operating members, which is important in a dial gauge of this particular type, as the gauge casing must necessarily be of a shallow character and the mechanism compactly arranged therein.

In Fig. 4 there is shown a slight modification in which the spacing ring indicated at 12<sup>a</sup> instead of being riveted to the cap, is provided with a peripheral flange 12<sup>b</sup> which is pressed into the casing 2, the transparent covering in this case being clamped between the cap and ring.

Having thus described my invention, I claim:

1. In a gauge, a casing open at one end, a dial plate supported in said casing, a pointer in said casing movable over said dial, devices in said casing for operating said pointer, a cap fitted to the open end of

said casing, and a spacing member between said cap and dial having a part bearing on said dial to hold the same in spaced relation with said pointer, said cap and spacing member having openings to expose the indications on said dial and said spacing member also having an opening therein to provide clearance space for said pointer operating devices.

2. In a gauge, a casing open at one end, a dial plate supported in said casing, a cap fitted to the open end of said casing, a spacing member having a semi-circular flange capable of bearing on the outer portion of said dial, a transparent covering fitting within said cap and located between the top of the cap and said spacing member, said spacing member having an extended bearing surface, in addition to the flange bearing engaging the portion of the said transparent covering near the periphery thereof, whereby the same will be clamped between the top of the cap and the spacing member.

In testimony whereof, I have hereunto set my hand this 17th day of July, 1923.

JOHN R. PADESKY.